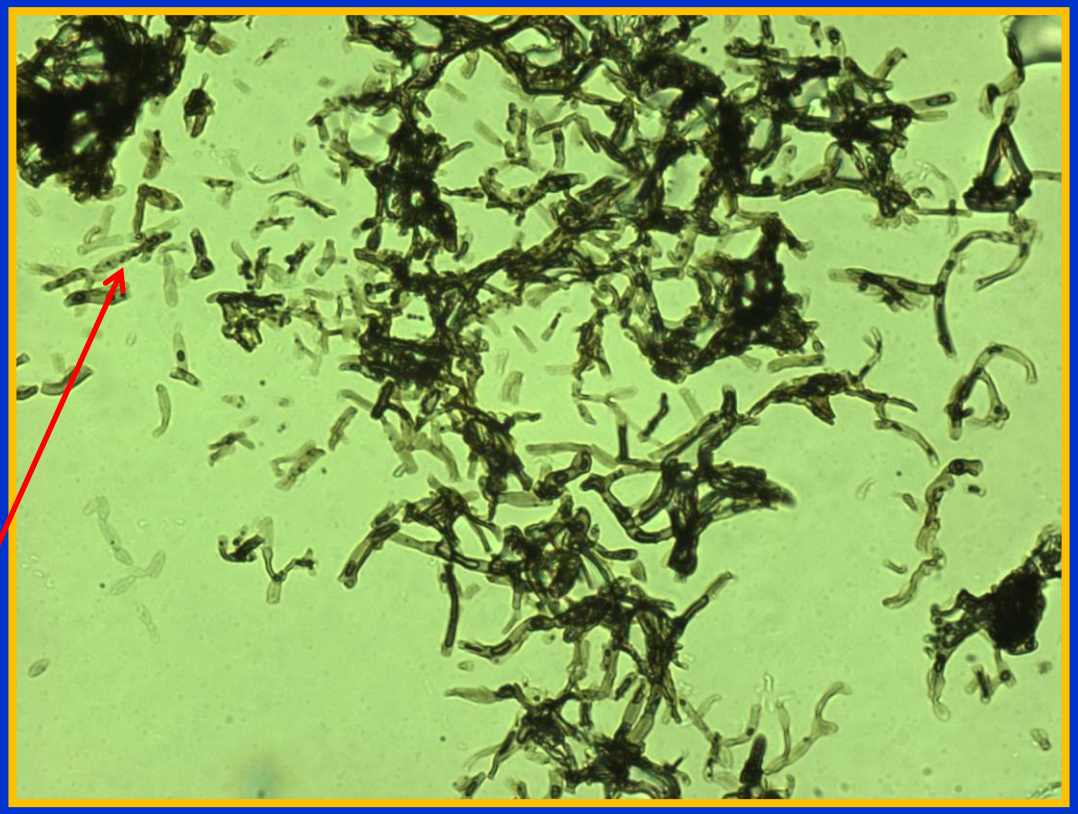
Preliminary data from US Virgin Islands:
Tape samples and microscopic analysis

Sample 1
Tape sample from roof gutter on the east side of house

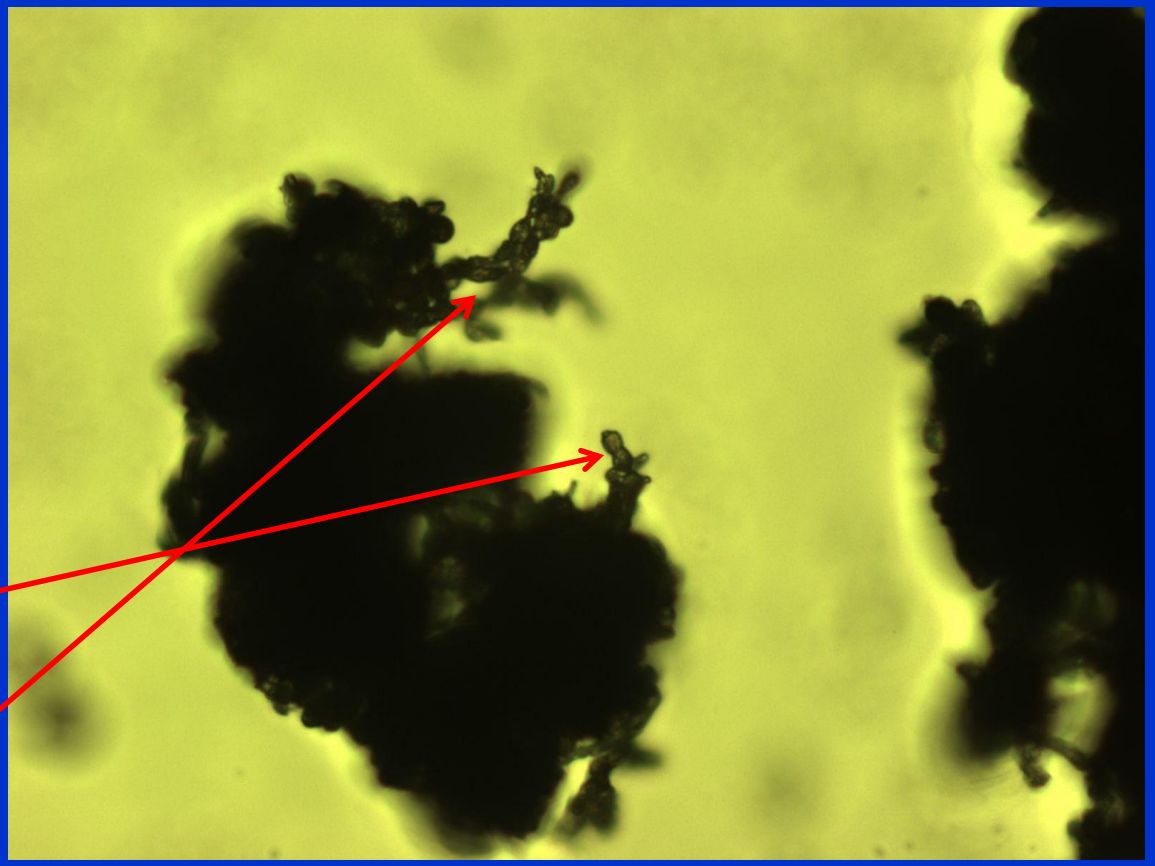
Slide 1: Microscope slide (400x)



Mainly hyphae, but some appear to have conidia (spores)

Sample 3
Tape sample from satellite dish on south side of house

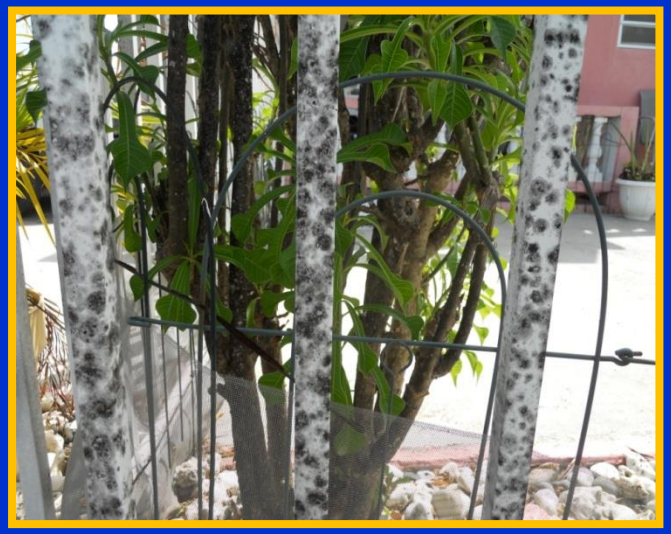
Sample 3: Microscope slide (400x)



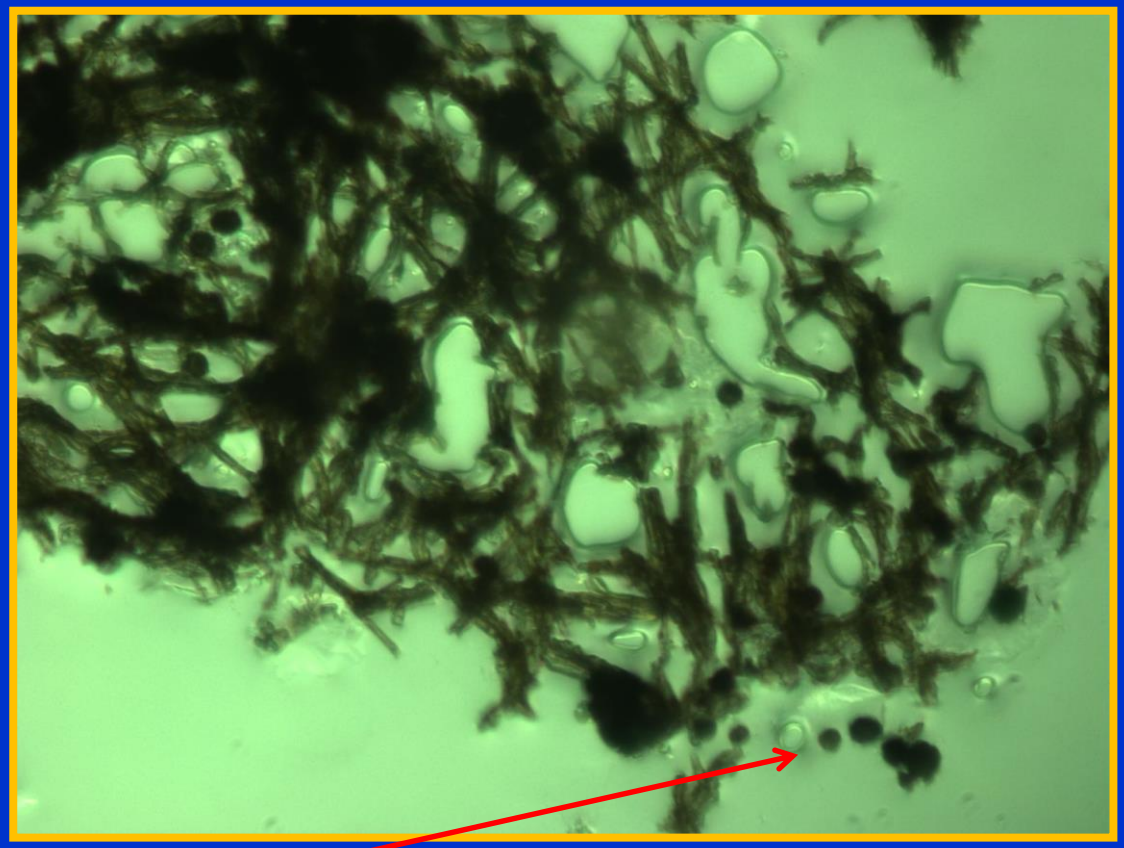
Barrel-shaped spore(s)

Several highly-melanized spores in a chain. The spores appear to be verrucose (rough spore ornamentation).

Sample 4
Tape sample from metal fence



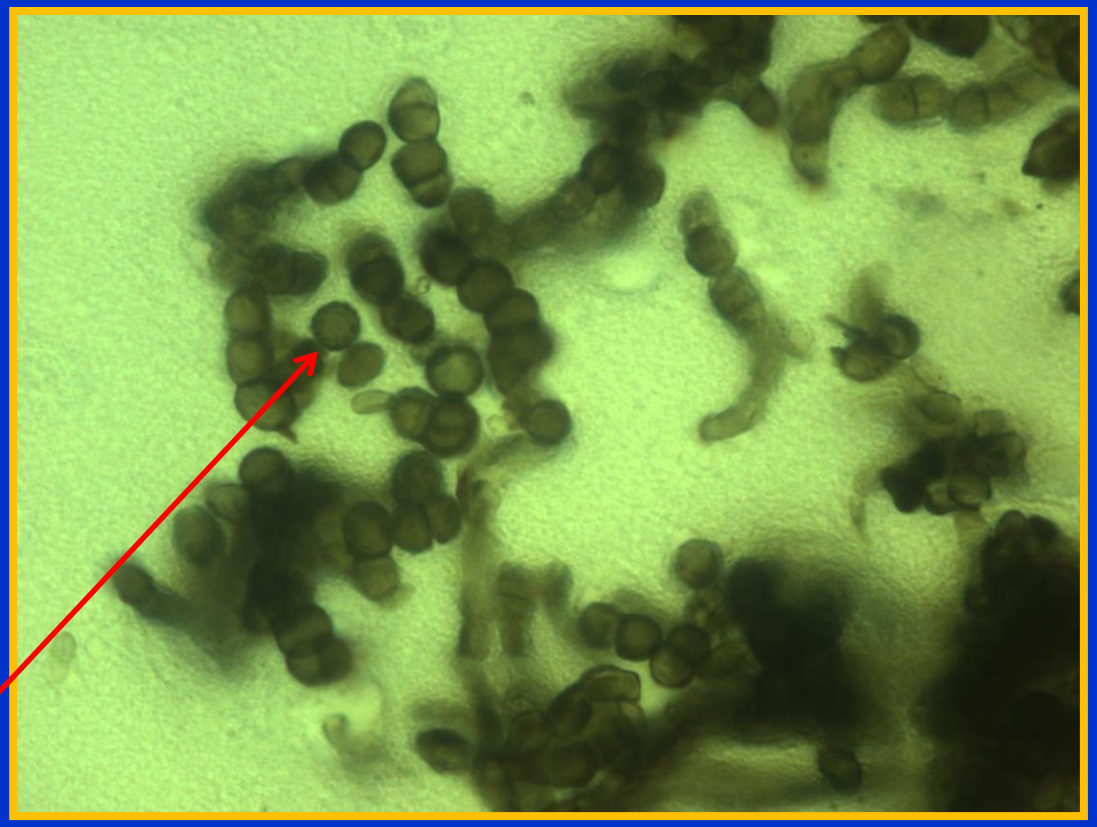
Sample 4: Microscope slide (400x)



Mainly hyphae, but some individual spores

Sample 6
Tape sample from metal loudspeaker

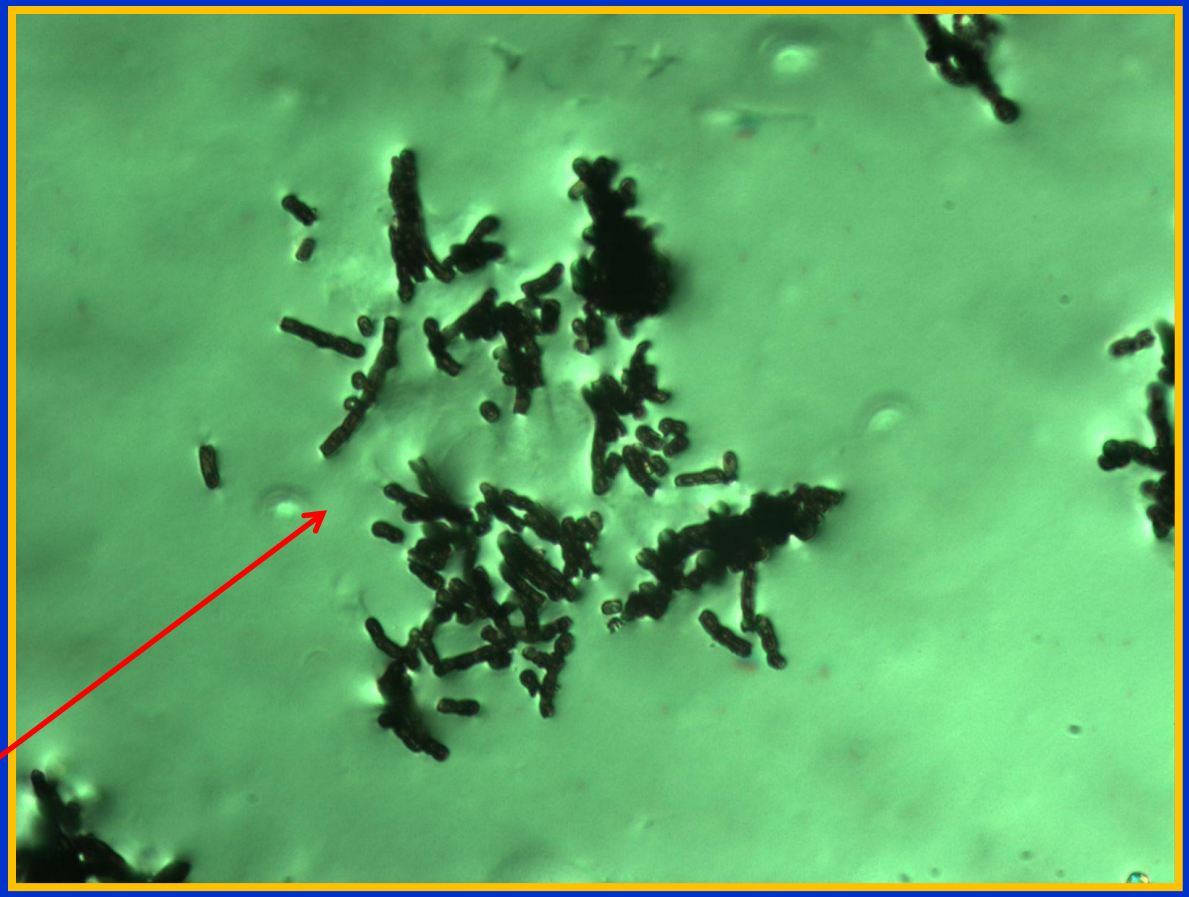
Sample 6: Microscope slide (1000x)
(This is a wet-mount with oil immersion)



In this focal plane, the rough spore ornamentation is very clear.
(Spores are 5-7.5 microns in diameter)

Sample 7
Tape sample from window of bus

Sample 7: Microscope slide (400x)



Several chains of spores

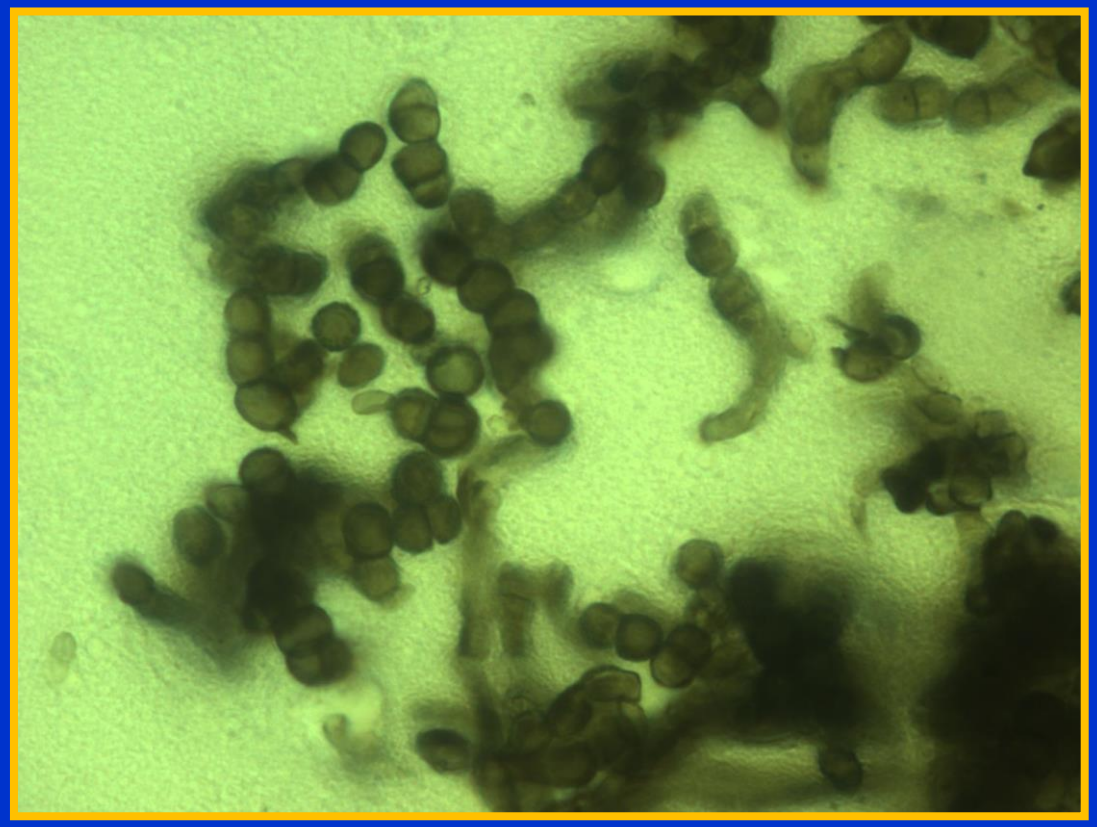
Comparison with spores in published literature

(note: This does not mean that your tape-sampled fungi are *Baudoinia sp.*)

Mycologia, 99 (4), 2007, pp. 592–601.

Baudoinia*, a new genus to accommodate *Torula compniacensis

Sample 6: Microscope slide (1000x)
(This is a wet-mount with oil immersion)



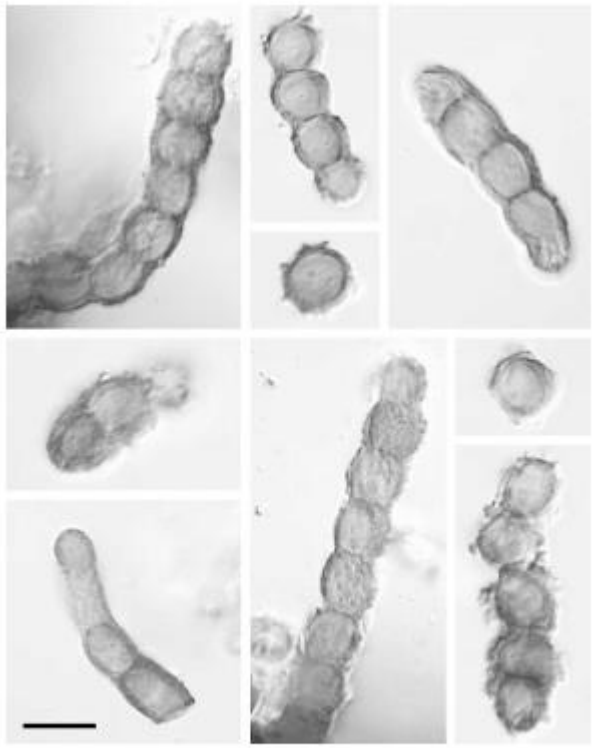


FIG. 2. *Baudoinia compniacensis* (DAOM 66898 lectotype). Conidia and hyphae showing characteristic hyperpigmented verrucose roughenings. Bar = 10 µm.